

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13693855	(remove or removal or remov\$4 or reduce\$4 or reduction or low or lower\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:19
L2	4372	(remove or removal or remov\$4 or reduce\$4 or reduction or low or lower\$4) near5 butene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:19
L3	60	(remove or removal or remov\$4 or reduce\$4 or reduction or low or lower\$4) near5 butene and supercritical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:21
L4	55	(remove or removal or remov\$4 or reduce\$4 or reduction or low or lower\$4) near5 butene and supercritical and (gas or volatil\$4 or devolatil\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:22
L5	56	(remove or removal or remov\$4 or reduce\$4 or reduction or low or lower\$4) near5 butene and supercritical and (gas or gaseous or volatil\$4 or devolatil\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:22
L6	48	(remove or removal or remov\$4 or reduce\$4 or reduction or low or lower\$4) near5 butene and supercritical and (gas or gaseous or volatil\$4 or devolatil\$5) and (decreas\$4 or low or lower\$4) near5 (pressure or temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:25
L7	45	(continuous\$4) and (remove or removal or remov\$4 or reduce\$4 or reduction or low or lower\$4) near5 butene and supercritical and (gas or gaseous or volatil\$4 or devolatil\$5) and (decreas\$4 or low or lower\$4) near5 (pressure or temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:25
L8	6	(continuous\$4) near10 (remove or removal or remov\$4 or reduce\$4 or reduction or low or lower\$4) near5 butene and supercritical and (gas or gaseous or volatil\$4 or devolatil\$5) and (decreas\$4 or low or lower\$4) near5 (pressure or temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:25

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	96	ogura and butene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:46
L2	3	ogura and separating near butene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:46
L3	8	ogura and separating near4 butene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:47
L4	0	ogura and separating near4 butene and supercritical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:47
L5	8	ogura and separating near4 butene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:48
L6	4	ogura and separating near4 butene and polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:48
L7	4	ogura and separating near4 butene and polymer and polybutene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:48
L8	0	ogura and separating near4 butene and polymer and polybutene and melt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:48

L9	0	ogura and separating near4 butene and polymer and polybutene and melt\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/04 13:48
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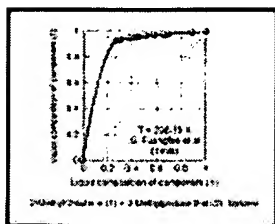
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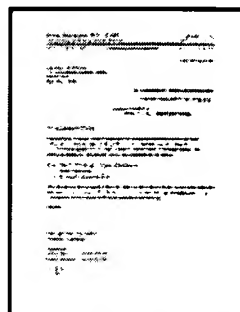
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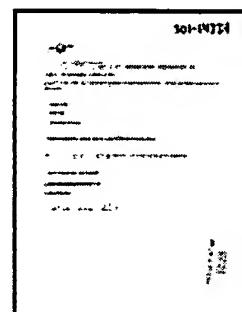
2-Methyl-2-butene 1 2-Methylpropan-2 ...
607 x 488 pixels - 10k - gif
www.s-ohe.com



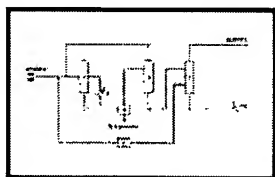
China 2-butene-1,4-diol ...
360 x 360 pixels - 29k - jpg
anpon.en.alibaba.com



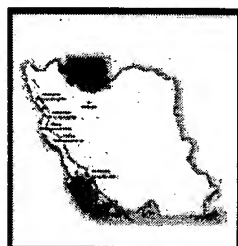
... Letter for 2-Butene-1,4-diol, page 2
1279 x 1650 pixels - 55k - gif
www.epa.gov



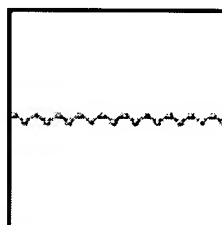
... Letter for 2-Butene-1,4-diol, page 1
1281 x 1650 pixels - 41k - gif
www.epa.gov



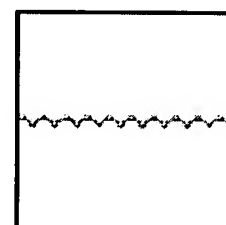
Butene-1
582 x 364 pixels - 5k - gif
www.cheric.org



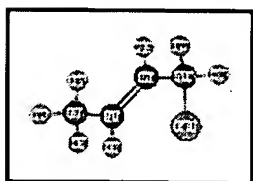
... butene-1 plant in Western ...
350 x 364 pixels - 19k - jpg
www.nipc.net



2-Butene-1,4-diamine, N1-ethyl-N4- ...
256 x 256 pixels - 2k - png
smid.blueprint.org



2-Butene-1,4-diamine, N1-ethyl-N4- ...
256 x 256 pixels - 2k - png
smid.blueprint.org
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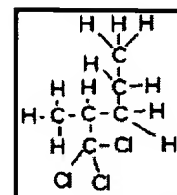
picture of 2-Butene, 1-chloro- ...
410 x 286 pixels - 5k - gif
srdata.nist.gov



2-butene-1,4-diol ...
360 x 360 pixels - 28k - jpg
b2b-163.net

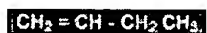


2-butene-1,4-diol ...
360 x 360 pixels - 30k - jpg
b2b-163.net
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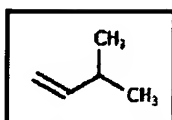
... 4 trimethylpentane 2 ethyl 1 butene
152 x 169 pixels - 6k - jpg
www.clscs.cc.tn.us

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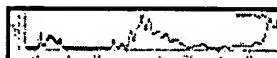


BUTENE-1

185 x 20 pixels - 1k - gif
www.sabic.com



... **3-butene-1** CAS
Number : 563-45-
113 x 76 pixels - 1k - gif
www.airliquide.com



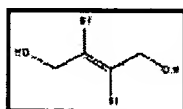
butene1-3mu.jpg
644 x 122 pixels - 13k - jpg
vpl.ipac.caltech.edu



2-Buten-1,4-diol dest. 2-
Butene-1,4- ...
148 x 27 pixels - 1k - gif
www2.basf.de



Butene1.gif
569 x 150 pixels - 3k - gif
www.usm.maine.edu



2,3-Dibromo-2-**Butene-1,4-**
Diol ...
132 x 75 pixels - 1k - gif
www.wuzhouchem.com



... **Butene - 1** | More
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168 x 41 pixels - 3k - jpg
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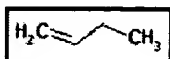
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butene-1

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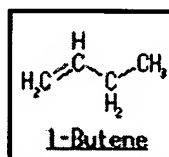
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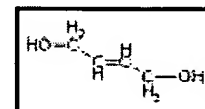
Butene, 1-
 109 x 35 pixels - 2k - gif
www.raesystems.com



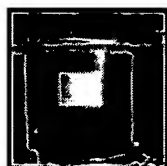
Butene-1
 173 x 93 pixels - 4k - jpg
www.shellchemicals.com



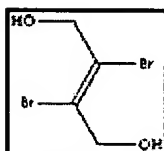
1-Butene
 114 x 103 pixels - 2k - png
ja.wikipedia.org



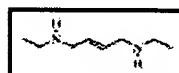
TRANS-2-BUTENE-1,4-DIOL ...
 190 x 100 pixels - 1k - gif
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2-butene-1,4-diol ...
 100 x 100 pixels - 3k - jpg
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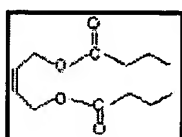
2,3-DIBROMO-2-BUTENE-1,4-DIOL ...
 99 x 90 pixels - 1k - gif
www.chemicaland21.com



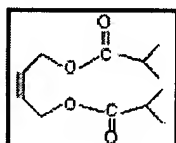
NN Diethyl 2 butene 1 4 diamine
 126 x 48 pixels - 1k - jpg
www.coleparmer.com



BUTENE-1 MSDS
 29 x 28 pixels - 1k - gif
skchem.com



cis 2 butene 1 4 bis n butyrate
 128 x 94 pixels - 1k - gif
www.chemical-exporter.com



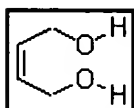
2 butene 1 4 diisobutyrate
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1-Butene
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2-Butene-1,4-diol ...
 61 x 49 pixels - 2k
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Methyl 3- butene 1
 19 x 15 pixels - 1k - gif
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... butene-1 plant in Western ...
 133 x 151 pixels - 10k - jpg
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... from trans-2-butene-1-ol and NaH:
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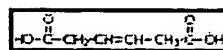
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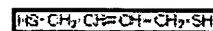
... 2-**butene-1**-thiol,
mercaptan
123 x 92 pixels - 3k - jpg
wps.prenhall.com



... 1-butanethiol and d 2-
butene-1-thiol
156 x 46 pixels - 1k - gif
www.ferris.edu



2 **Butene 1 4** dicarboxylic
acid more 1727
252 x 43 pixels - 2k - gif
parishchemical.com



2 **Butene 1 4** dithiol more
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199 x 19 pixels - 2k - gif
parishchemical.com

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butene-1

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1 chloro 2 pentene 4 chloro 1 **butene**
148 x 49 pixels - 1k - gif
nlcs.k12.in.us

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supercritical and butene

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"removing butene-1-"

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Web

Results 1 - 1 of 1 for "**removing butene-1-**". (0.56 seconds)

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Process for separating highly pure butene-1 or butene-1/isobutene ...

A process for separating A butene-1/isobutene mixture from A C.sub.4 hydrocarbon fraction is provided which comprises subjecting the C.sub.4 hydrocarbon ...

xrint.com/patents/us/4555312 - 36k - Supplemental Result - [Cached](#) - [Similar pages](#)

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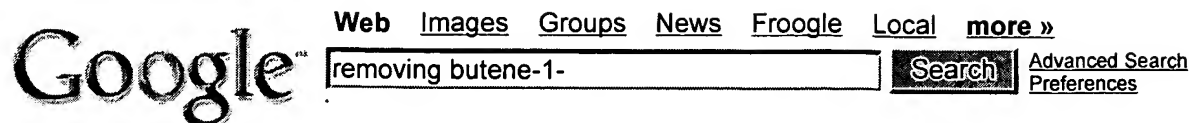
"removing butene-1-"

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In order to produce a high purity **butene-1** product having a low concentration of ... By using this approach to **removing** tertiary olefins from a feedstream, ...
www.freepatentsonline.com/6232508.html - 51k - [Cached](#) - [Similar pages](#)

Process for producing ethyl tertiary butyl ether - Patent 6107526

d) **removing** the ethyl tertiary butyl ether product stream containing less than ... less than 2 weight percent each of isobutylene, **butene-1**, trans-butene-2, ...
www.freepatentsonline.com/6107526.html - 45k - [Cached](#) - [Similar pages](#)
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Synthesis of a 2'-Deoxyguanosine Adduct of cis-2-Butene-1,4-dial ...

The desired reaction product was obtained as a mixture of four diastereomers by **removing** the tert-butyldimethylsilyl groups with hydrogen fluoride. ...
pubs.acs.org/cgi-bin/abstract.cgi/crtoec/2005/18/i06/abs/tx049647d.html - [Similar pages](#)

Hydrogenation of diolefin or triple bond - Patent Storm

An improved selective hydrogenation process for **removing** acetylenic impurities ... Integrated process for the production of **butene-1** which comprises feeding ...
www.patentstorm.us/class/585/259-Hydrogenation_of_diolefin_or_triple_bond.html - 50k - [Cached](#) - [Similar pages](#)

Patents by Date - Patent Storm - Apr. 27, 1993

Apparatus for **removing** an adhesively bonded ceramic orthodontic bracket from a tooth to ... Copolymers of **butene-1** and propylene, having specific physical ...
www.patentstorm.us/patents-by-date/1993/0427-1.html - 50k - [Cached](#) - [Similar pages](#)

Hydrogen Sulfide Microscale Gas Chemistry Experiments

Before **removing** the syringe cap, pull the plunger outward by 5 mL, thus creating ... to know that skunk scent contains trans-2-**butene-1**-thiol, CH₃CHCHCH₂SH, ...
mattson.creighton.edu/H2S/ - 34k - [Cached](#) - [Similar pages](#)

PDF Enhanced Olefin Reduction

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of **removing** the mercaptans involves contact with a caustic stream and ... 3-methyl **butene-1** is a non reactive isoamylene and cannot be etherified in the ...
www.cdtech.com/updates/Publications/Refining%20Papers/Enhanced%20Olefin%20Reduction.pdf - [Similar pages](#)

PDF This is a list of the topics I need to cover in the paper for the ...

File Format: PDF/Adobe Acrobat
Second, the Methanol recovery column may not be **removing** ... to maximize either **butene-1** or butene-2. This is not significant for Sulfuric Acid ...
www.cdtech.com/updates/Publications/Refining%20Papers/Alkylation%20Pretreatment.pdf - [Similar pages](#)

United States Patent Application: 0050176906

The method of claim 12, wherein 34 is cis-2-**butene-1,4**-diol dimethacrylate ...

compound 5 could be used without **removing** p-methoxyphenol prior to its use in ...
appft1.uspto.gov/.../ %22California+Institute+of+Technology%22 - 68k - [Cached](#) - [Similar pages](#)

Patent 6586377

... or **removing** deposit material from, a contact lens contacted with the ...
ophthalmic applications such as poly[dimethylimino-2-**butene-1,4-diyl**] chloride, ...
www.pharmcast.com/Patents/Yr2003/ July2003/070103/6586377_ContactLens070103.htm - 47k -
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removing butene-1-

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removing butene-1-

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removing volatile acidic halide prior to loading and. reforming the catalyst.... 2-butene, or 3-aryloxy-1-**butene**:1-aryloxy-2-butene ...www.ingentaconnect.com/content/ matthey/pmr/1999/00000043/00000001/art00013 - [Similar pages](#)**[PDF] Crystallization Studies on Deformed Poly **butene-1****

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